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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/725,695	12/01/2003	Jimmy Henningsen	5488-A-21	2548
7590	07/27/2004		EXAMINER DINH, PHUONG K	
CAHILL, von HELLENS & GLAZER P.L.C. 155 Park One 2141 East Highland Avenue Phoenix, AZ 85016			ART UNIT 2839	PAPER NUMBER

DATE MAILED: 07/27/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/725,695	HENNINGSEN, JIMMY	
	Examiner	Art Unit	
	Phuong KT Dinh	2839	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 01 December 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>0704</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Objections

1. Claim 4 is objected to because of the following informalities:

Claim 4, line 2, "said dielectric" has no antecedence basis.

Appropriate correction is required.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hashimoto (U. S. Patent 4,126,372).

Regarding claims 1 and 4, Hashimoto discloses a coaxial cable to a coaxial connector comprising the step of: inserting an end portion of the through a back nut 27 of the connector, the connector cable 2 having an outer conductor 1. Flaring an end portion 28 of the outer conductor, the cable having been inserted through the back nut; attaching the cable and the back nut to inner and outer terminals of the connector, the cable having been inserted through the back nut and securing the end portion of the outer conductor between abutting faces of the outer terminal and the back nut, the step of securing comprising axially displacing the back nut towards the outer terminal.

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Hashimoto discloses the claimed invention except for discussion of a method of attachment of coaxial cable. It would have been obvious to one of ordinary skill in the art at the time the invention was made to form the Hashimoto connector could involve steps as recited as an efficient way to make the connector. These appear to be steps that would normally be used but are not explicitly disclosed by the patentee.

Regarding claim 2, Hashimoto discloses the end portion of the outer conductor 1.

Regarding claim 3, Hashimoto discloses the step of removing portion of the insulating jacket 2 from the end of the cable.

Regarding claim 5, Hashimoto discloses the back nut to the outer terminal.

Regarding claim 6, Hashimoto discloses clamping the end portion of the outer conductor to correspond the abutting faces of the either the outer terminal or the back nut, or a combination thereof.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 7-11 are rejected under 35 U.S.C. 102(b) as being anticipated by Hashimoto.

Regarding claim 7, Hashimoto discloses a coaxial connector comprising: an outer terminal having front and back opposing ends and a back nut 27 releasably

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attachable to the back end of the outer terminal and axially displaceable with respect to the outer terminal, the back nut and outer terminal including corresponding contact faces which are angled and form, a clamping site 33 therebetween, the clamping site being tightened as the back nut is axially displaced with respect to the outer terminal.

Regarding claim 8, Hashimoto discloses the clamping site adapted for clamping a portion of a cable conductor.

Regarding claim 9, Hashimoto discloses a mechanical connection between the cable and the connector is established via the clamping site.

Regarding claim 10, Hashimoto discloses the cable is either corrugated or smooth.

Regarding claim 11, Hashimoto discloses a coaxial connector comprising: an outer terminal having front and back opposing ends; a back nut 27 releasably attachable to the back end of the outer terminal, and axially displaceable with respect to the outer terminal and means for clamping 33 a portion of a cable conductor 1, the means for clamping consisting of: a contact faces on the back nut; a contact face on the outer terminal, the contact face being angled and forming an angled gap between, wherein the gap decreases as the back nut is axially displaced towards the outer terminal, and increases as the back nut is axially displaced away from the outer terminal.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phuong KT Dinh whose telephone number is 571-272-2090. The examiner can normally be reached on 8 -5, 5 days a week.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynn Field can be reached on 571-272-2092. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Examiner

Phuong Dinh
July 23, 2004.

PHUONG